

MULLER,C.; RUZICKA, J.

Regional differences in mortality caused by malignant tumours.
Neoplasm (Bratisl.) 12 no.1:101-108 '65

1. Department of Social Hygiene, Medical School of Hygiene,
Charles University, Prague, Czechoslovakia.

HAJEK, S.; GREGORA, Z.; STEFAN, J.; KRAL, Z.; CHYBA, J.; RUZICKA, L.;
DOBRKOVSKY, M.; DOLEZALOVA, J.

Analysis of 147 fatal thermic injuries. Acta chir. plast. 5
no.3:193-204 '63.

1. Medical Faculty of Hygiene, Charles University, Prague
(Czechoslovakia) Department of Pathology and Forensic Medicine
Director: Doc. J. Stolz, M.D. Department of Health Organization,
Medical Faculty of Hygiene, Prague Director: Prof. F. Blaha,
M.D. The Burns Unit of the Clinic of Plastic Surgery, Charles
University, Prague Director: Academician F. Burian.

(BURNS) (MORTALITY) (PATHOLOGY)
(ACCIDENT PREVENTION)

SOSTY, Josef; RUZICKA, Ladislav

Questionable absenteeism. Pracovni lek. 14 no.1:23-28 '62.

1. Katedra zdravotnictvi lekarske fakulty hygienicke Karlovy university
v Praze, prednosta prof. dr. Fr. Blaha.
(INDUSTRIAL MEDICINE)

RUZICKA, Ladislav, inz.

"Principles of industrial and construction statistics" by E. Egermayer
and L. Sauer. Reviewed by Ladislav Ruzicka. Inz stavby 9 no.11: 442
N '61.

CIZKOVA-PISAROVICOVA, Jirina; ULRYCHOVA, Marie; RUZICKA, Ladislav

Effect of child and adolescent sera on plant growth. Cesk. pediat. 16
no. 5:387-391 My '61.

1. Detska klinika lekarske fakulty hygienicke KU, prednosta prof. MUDr.
J. Cizkova-Pisarovicova, Dr. Sc. Biologicky ustav, fytopatologie CSAV,
prednosta akademik C. Blatny Katedra zdravotnictvi LFH KU, prednosta
prof. MUDr. Fr. Blaha.

(BLOOD) (PLANTS) (GROWTH)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446220004-8

RUZICKA L.

Corrosion prevention by oils. J. Ruzicka, R. Hill, and
M. Symborski. Chem. Przegrod 4, 1962. A general dis-
cussion of effectiveness of various oils and fatty materials
and rust-inhibiting additives. L. A. Helwich

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446220004-8"

SKAMENOVA, B.; PARIZKOVA, J.; matematicka spoluprace RUZICKA, L.; ENGLER, V.

Assessment of disproportionate (spider-like) and diffuse types of obesity
by measurement of the total subcutaneous body fat. Cas. lek. cesk.
102 no.6:142-146 8 F '63.

1. II. interni klinika lekarske fakulty hygienicke KU v Praze, prednosta
prof. dr J. Syllaba Vyzkumny ustav telovychovy v Praze, reditel MUDr.
E. Eiselt Katedra zdravotnictvi lekarske fakulty hygienicke KU v
Praze, vedouci prof. dr. Fr. Blaha.

(OBESITY) (ADIPOSE TISSUE)

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446220004-8

RUZICKA ; M.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446220004-8"

CZECHOSLOVAKIA

Milan RIZICKA and Maria JASICOVA, Department of Geobotany and Plant Systematics, and Department of Country Biology and Development, of Biological Institute of Slovak Academy of Sciences (Oddelenie geobotaniky a systematicy rastlín, Oddeľenie krajiny a výzvy krajiny, Biologický ústav Slovenskej akadémie vied), Bratislava.

"Distribution and Habitats of *Quercus robur* L., *Q. petraea* (Mattusch.) Liebm., and *Fagetella alba* L., in the Liptovska Kotlina Valley."

Bratislava, Biologis, Vol 16, No 1, 1963; pp 34-44.

Abstract [German summary modified]: Very detailed phytocenologic and ecologic report on the flora of this deep valley in Southern Slovakia. Meteorologic and geobotanical data are presented and discussed. Map shows distribution of plants mentioned in title; tabulation of 70-odd plants; 4 photographs of typical features of valley flora; 4 Czech, 1 Hungarian, 1 German reference.

RUZICKA, Milan

Symposium on the air pollution problems in Slovakia.
Vestnik CSAV 73 no.2:286-289 '64.

RUZHICKA, Milan [Ruzicka, Milan]

Problems of phytogeography in Czechoslovakia. Bot. zhur.
49 no.4:618-622 Ap'64. (MIRA 17:5)

1. Biologicheskiy institut Slovatskoy akademii nauk, otdel
biologii i sozdaniya landshafta, Bratislava, Chekhoslovatskaya
Sotsialisticheskaya Respublika.

BULGARIA

Ministry of Agriculture, Department of Forestry and Soil Conservation, 7000 Sofia, Bulgaria. This ministry is the largest, most diversified, and best equipped agricultural research organization in Bulgaria. It has performed a systematic, creative, and highly successful work in the field of agriculture, forestry, and soil conservation.

Scientifically advanced by Bulgarian scientists.

Sofia, Bulgaria, Vol 17, No 11, 1960; p 100f.

The present scientific description of Bulgarian research institutes and educational establishments, both related to the botanical sciences, lists some 40 specialized institutes and agencies of around 5000 scientists and workers in this field. Unlike the situation in most other countries, virtually all of the Bulgarian activity in scientific botany is concentrated in one capital city, Sofia. There are 14 of 21 plants in

RUZICKA, Milan

Reflections on the 15th anniversary of the liberation of our country.
Biologia 15 no.5:321-322 '60. (EEAI 9:11)
(SLOVAKIA--BIOLOGY)

RUZICKA, Milan

Some notes on the ecology and occurrence of Carex fritschii Waisb.
Biologia 15 no.7: 535-538 '60. (EEAI 10:2)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie geo
botaniky a systematiky rastlin, Bratislava.
(CAREX FRITSCHII)

RUZICKA, M.

Application of mathematical statistics in geobotany; synthetic results
based on notes. In German. p. 647.

Bratislava, Czechoslovakia. Vol. 13, no. 9, 1958.

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2.
Feb. 1960. Unol.

RUZICKA, M.

MILITARY & NAVAL SCIENCES: GENERAL

Periodical NASA VELA. Vol. 5, no. 10, Oct. 1958.

RUZICKA, M. J. Michalko's Geobotanicke pomery pohoria Vihorlatu (Geobotanical Conditions in the Mountains of Vihoriat); a book review. p. 453.

Monthly List of East European Accessions (EFAI) IC, Vol. 8, no. 3, March, 1959. Uncl.

GRAU, Petr, inz.; RUZICKA, Mil., inz.

Some problems of the pollution of streams. Vodni hosp no.9:
376-378 S '62.

1. Ministerstvo zemadelstvi, lesniho a vodniho hospodarstvi.

RUZICKA, Milos, C.Sc., laureat Statni ceny Klementa Gottwalda

Minimum loss of power in a cascade of turbine blades. Stroj cas
13 no.6:492-510 '62.

1. Statni vyzkumny ustav tepelne techniky, Praha.

CZECHOSLOVAKIA

Milan Ruzicka and Helena Petranova, Department of Geobotany and Plant Taxonomy and Department of Biology and Development of Countryside of Biology Institute of Slovak Academy of Sciences, Czechoslovak Academy of Sciences (Oddelenie biologie a tvorby krajiny a Oddelelne geobotaniky a systematicy rastlin, Biologicky ustav Slovenskej Akademie vied, CSAV [Ceskoslovenska Akademia Ved],) Bratislava.

"Distribution of Cardamine trifolia L. in Slovakia."

Bratislava, Biologia, Vol 18, No 5, 1963; pp 385-389.

Abstract [German summary modified]: Detailed review of the habitats of this plant in the Carpathian mountain complex. Only rare loci are found in the central part, none in the Eastern. Map, 6 Western and 11 Czech references; sketch of plant.

1/1

Z/041/62/000/006/001/003
E160/E472

AUTHOR: Růžička, Miloš, Candidate of Sciences

TITLE: Minimum attainable energy losses in turbine blade cascades

PERIODICAL: Strojnícký časopis, no.6, 1962, 492-510

TEXT: The paper deals with the calculation of energy losses in turbine blade cascades, designed according to the method developed at the State Research Institute of Heat Engineering. Basically the problem was to find, for given inlet and outlet angles of flow, the velocity distribution and the values of the parameters involved, for which the energy losses reach their minimum value. These losses were then plotted against the inlet and outlet angles and compared with the results obtained experimentally by R. Döge and R. Herrman. Good agreement was obtained in the case of impulse blading with large deflection of flow; for reaction blading with a small deflection of flow, the energy loss coefficients were smaller than those found by Döge and Herrman. In the theoretical treatment of the problem the boundary layer is assumed to be always turbulent. A suitable velocity distribution

Card 1/2

Z/041/62/000/006/001/003
E160/E472

Minimum attainable energy ...

over the blade surface for the potential flow is also assumed. Procedure for the determination of the boundary layer momentum thickness on the pressure and suction sides of the trailing edge is given. It is based on the work by M.J.Lighthill, according to which a blade cascade is conformally represented on a unit circle. The energy loss coefficient is then determined by the sum of the two momentum thicknesses just mentioned; it is expressed in terms of the geometrical parameters involved and the plot for their various values is obtained. Thus an overall picture of the energy losses of the most suitable blade cascades is acquired. If then at any time it is necessary for design reasons to alter the geometrical parameters, it is possible to estimate the degree of worsening of the blading efficiency in relation to the optimum conditions. There are 3 figures.

ASSOCIATION: Státní výzkumný ústav tepelné techniky Praha
(State Research Institute of Heat Engineering, Prague)

SUBMITTED: January 16, 1962

Card 2/2

RUZICKA, Milos, CSc.

Similar wakes in retarded flow. Aplikace mat 9 no.3:159-172 '64.

1. State Research Institute of Thermal Technology, Prague 1,
Husova 8. Submitted March 11, 1963.

RUZICKA, M.

PHASE I BOOK EXPLOITATION

JUN 25 2/6284

42

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

Card 1/8

Basic Problems in the Construction (Cont.)

Z/6284

- L. Svršek (Research Institute for Crude Oil and Hydrocarbon Bases, Bratislava). Heavy Fuel Oils for Gas Turbines 251
- P. Gröbner (Modrany Machine Plant, Modrany). Corrosion by Combustion Products in Gas Turbines 279
- L. Špaček and M. Růžička (State Research Institute for Heat Engineering, Prague). A Proposed System for Subsonic Gas Turbine Cascades 295
- M. Hořejší (State Research Institute for Heat Engineering, Prague). Aerodynamics of Turbine Cascades in the Subsonic Region 309
- J. Bukovský (Technical University for Machine Building and Electrical Engineering, Plzeň). Some Properties of Compressor Cascades at High Flow Velocities 335

Card 5/8

RUEICKA, M

PHASE I BOOK EXPLOITATION

Z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)

z/6284

56

L. Svršek (Research Institute for Crude Oil and Hydrocarbon
Bases, Bratislava). Heavy Fuel Oils for Gas Turbines 251

P. Gröbner (Modrany Machine Plant, Modrany). Corrosion by
Combustion Products in Gas Turbines 279

L. Špaček and M. Růžička (State Research Institute for Heat
Engineering, Prague). A Proposed System for Subsonic Gas
Turbine Cascades 295

M. Horejsí (State Research Institute for Heat Engineering,
Prague). Aerodynamics of Turbine Cascades in the Subsonic
Region 309

J. Bukovský (Technical University for Machine Building and
Electrical Engineering, Plzen). Some Properties of Com-
pressor Cascades at High Flow Velocities 335

Card 5/8-2/2

X 2 /

RUŽIČKA, M., MU Dr; ŠEVCOVÁ, M.

Czechoslovakia

Tuberculosis Ward OUNZ -- Sokolov (Tuberkulční
oddělení OUNZ -- Sokolov); Head Physician:
M. RUŽIČKA, MU Dr; Public Health and Epidemiology
Station OUNZ - Karlovy Vary (HES OUNZ -- Karlovy
Vary); Director: R. MIKSL, MU Dr. - (for all)

Prague, rozhledy v tuberkulóze, No 10, 1962, pp 715-
719

"The Presence of Scotochromogenic Mycobacteria in
Chronic Pulmonary Disease."

RUZICKA, Miloslav, inz.

May, the month of water purification. Energetika Cz 11 no.5:214
My '61.

RUZICKA, Miroslav, inz., C.Sc.

Solution of typification plans for public building construction.
Poz stavby 11 no.2:62-69 '63.

1. Studijni a typizacni ustav, Praha.

CZECHOSLOVAKIA

G. BUZICKA and J. TEJMAR, Department of Surgery in Prague of the Hospital (Chirurgicke oddeleni Praha nemocnice) "Na Frantisku," Head (prednosta) V. CERMAK, MD, Prague.

"Summary Function Test of Circulation and Respiration."

Prague, Casopis Lekaru Ceskych, Vol 102, No 8, 22 Feb 63; pp 213-214.

Abstract [English summary modified]: Proposed summary test consisting in blood oximetry pattern accompanying and following period of apnea after deep expiration. Reproducibility in normal persons seems excellent; characteristic changes in asthmatics and other dysfunctions of either circulation or respiration. Seven graphs; 6 Czech (whereof 3 unpublished) and 12 Western references.

1/1

RUZICKA, M.

"12th International Phytogeographical Excursion in Slovakia."

BIOLOGIA, Slovenska akademia vied, Bratislava, Czechoslovakia, Vol. 13, No. 12, 1958.

Monthly List of EastEuropean Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.

Uncl.

RUZICKA, M.

Shortening the iteration method used for the calculation of systems of linear equations.

p. 490 (Inzonyrske Stavby) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SC: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RUZICKA, M.

Notes on the Congress of Polish Botanists.

p. 691 (BIOLOGIA) Vol. 11, no. 11, 1956,
Bratislava, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

RUZICKA, M.

Problems of Polish botany. p. 298.
(BIOLOGIA, Vol. 12, no. 4, 1957, Bratislava, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957. Incl

RUZICKA, M.

Janecko, Krebes, and Cifra's Spoštne pody a ich zalesnenia (Degradated Soils and Their Afforestation); a book review. p. 639. (Biologia, Vol. 11, No. 10, 1956, Bratislava, Czechoslovakia)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl

RUZICKA, M.

Ruzicka, M. Method for synthetic elaboration of phytobiocoenotic notes. p.217.

Vol. 10, no. 2, 1955 BIOLOGIA Bratislava, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 2
February, 1956

RUZICKA, M.

J. Futak and K. Domin's Bibliografia k Flore Ceskoslovenska do
R. 1952 (Bibliography for the Flora of Czechoslovakia to the Year
1952; a book review. Biologia 15 no.12:953-954 '60.
(EEAI 10:8)

(FUTAK, JAN) (DOMIN, KAREL) (FLORA)
(CZECHOSLOVAKIA—BIBLIOGRAPHY)

RUZICKA, M.

Problems of Slovak biological periodicals. P. 380

Vol. 10, No. 3, 1955

BIOLOGIA

Bratislava, Czechoslovakia

Se: Eastern European Accession Vol. 5, No. 4, April 1956

RUZICKA, M.

RUZICKA, M. J. Hejtmanek's Relikini borove porosty v zapadni casti
Velke Fatra (Residual Pine Groves in the Velka Fatra);
a book review. p.126.

Vol. 11, no. 2, 1956, BIOLOGIA, BRATISLAVA, CZECHOSLOVAKIA.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956.

RUZICKA, Milan

Problem of Slovakian biological periodical literature. Biologia
Bratisl. 10 no.3:380-385 '55.

(BIOLOGY,

literature in Czech.)

(LITERATURE,

biology in Czech.)

RUZICKA, Milan, MUDr; MAREK, Svatopluk, MUDr

Intestinal perforation in concealed injuries of the stomach.
Prakt. lek. Praha 35 no.1:7-8 5 Jan 55.

1. OUNZ Dobruska - chir. odd. v Opocne (primar MUDr Svatopluk
Marek)

(STOMACH, wounds and injuries
causing intestinal perf.)
(INTESTINES, perforation
caused by stomach inj.)

RUZICKA, Milan, dr. C.Sc.

Symposium on the problem of establishing a vegetation map of the Czechoslovak Socialist Republic, held in Smolnice, November 28-30, 1960. Biologia 16 no.6:476-479 '61.

1. Odborný redaktor časopisu Biologia.

(Czechoslovakia--Phytogeography)

RUZICKA, Milan.

Phytocoenological values of species and combination of species in a
phytocoenosis. Biologia 15 no.8:634-638 '60. (EEAI 10:4)

1. Biologisches Institut der Slowakischen Akademie der Wissenschaften,
Abteilung fur Geobotanik und Pflanzensystematik, Bratislava.
(PLANTS)

RUZICKA, Milan

A survey of plant communities in Zahorska nizina. Biologia 15 no.9:
653-663 '60. (EEAI 10:4)

1. Biologicky ustav Slovenskej akademie vied, Oddelenie geobotaniky
a systematiky rastlin, Bratislava.
(CZECHOSLOVAKIA--PLANTS)

ca

112

Rugicka, Otto: Streptomycin und die Behandlung hämatogener Tuberkuloseformen. Vienna: Springer-Verlag 1949. 170 pp. DM 18. Reviewed in Z. Tuberkulose 98 231(1951)

RUZICKA, Otakar, MUDr, lekar chir., oddeleni; KRIZEK, Vladimir, MUDr,
Lekar Balneologickeho ustavu

Measurement of changes in temperature in the kidney pelvis. Cas.
lek.cesk. 91 no.5:142-144 1 Feb 52.

1. Z Balneologickeho ustavu v Marianskych Laznich, prednosta:
prim MUDr Josef Mates a z experimentalni laboratoare chirurgickeho
oddeleni stat. fak. nemocnice odbocky v Praze III, prednosta:
prim. MUDr Zdenek Vahala.

(KIDNEY FUNCTION TEST,
temperature changes in kidney pelvis, method of measure-
ment)

(KIDNEY PELVIS, physiology,
temperature changes in funct. test, method of measure-
ment)

(TEMPERATURE,
in kidney pelvis, changes in funct. test, method of
measurement)

RUZICKA, O.; SYROVY, J.

Oximeter produced in Czechoslovakia; photometer for investigation in vivo. Cesk. fysiol. 4 no.1:98-107 28 Feb 55.

1. Katedra chirurgie Vojenske lekarske akademie, Hradec Kralove a Fysikalni ustav fak. elektrotechnickeho inzenyrstvi CVUT, Praha.

(OXYGEN, in blood, determ. in vivo, oximetry with photometer)

(BLOOD, oxygen, determ. in vivo, oximetry with photometer)

RUZICKA, O.

Improved ear oximeter for investigations in vivo. Cesk. fysiol.
4 no.1:108-111 28 Feb 55.

1. Katedra chirurgie Vojenske lekarske akademie, Hradec Kralove
a Fysikalni ustav fakulty elektrotechnickeho inzenyrstvi CVUT,
Praha.

(BLOOD,
oxygen, determ. in vivo, ear oximeter)
(OXYGEN, in blood,
determ. in vivo, ear oximeter)

SYROVY, J.; RUZICKA, O.

Light permeability of the tissue and its significance in determination of oxygen saturation of the arterial blood in vivo. Cesk. fysiol. 4 no.2:204-207 May 55.

1. Fakulta detskeho lekarstvi Karlovy university, Praha,
katedra chirurgie Vojenske lekarske akademie, Hradec Kralove
a Fysikalni ustav fak. elektrotechnickeho inzenyrstvi CVUT,
Praha.

(BLOOD,
oxygen saturation, determ., transillumination
technic in vivo)
(OXYGEN, in blood,
determ., transillumination technic in vivo)

RUZICKA, Otokar, orvos-alezredes.

Photoelectric measurement of oxygen saturation of the blood in surgery and in narcosis. Magy. sebeszet 8 no.5:285-294 Oct 55.

1. A Katonai Orvosi Akademia sebeszeti tanszekerol (Czehslovakia).

(OXYGEN, in blood

oxymetry, measuring saturation in surg. & anest., improved oxymeter, technic & value. (Hun))

(BLOOD

oxygen saturation in surg. & anest., measurement by oxymetry, improved oxymeter, technic & value.

(Hun))

(SURGERY, OPERATIVE, blood in

oxygen saturation, determ. by oxymetry. (Hun))

(ANESTHESIA

in surg., determ. of oxygen saturation of blood by oxymetry. (Hun))

RUZICKA, O.

A pneumatic dressing. A new apparatus for rapid treatment and simultaneous fixation of injured extremities. Rozhl. chir. 43 no.8:571-573 Ag '64.

1. Chirurgicke oddeleni nemocnice v Praze 1, Na Frantisku (vedouci MUDr. V. Cermak).

RUZICKA, O.

Young hearts become hard.

p. 420
No. 18, Sept. 1955
KRIDLA VLASTI
Praha, Czechoslovakia

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 2
February 1956, Uncl.

RUZICKA, Otakar, podplukovnik MUDr; SYROVY, Jiri MUC

Oxygen saturation of the blood during anesthesia in surgery and its
photoelectric measurement (Oximetry) Rozhl.chir. 34 no.3:168-178
Mar 55

1. Z katedry chirurgie Vojenske lekarske akademie a z Fysikalniho
ustavu fakulty elektrotechnickeho unzenyrsatvi CVUT, prednosta
prof. dr. ing. J.B.Slavik

(ANESTHESIA,

oxygen saturation, oximetry)

(BLOOD

oxygen saturation in anesth., oximetry)

RUZICKA, Otakar

Basic experiments as test of Czechoslovak standard clinical photometer
for living tissue (oxymeter). Cas. lek. cesk. 97 no.11:349-353 14 Mar 58.

1. Chirurgicka katedra Vojenske lekarske akademie Jana Ev. Purkyne v
Hradci Kralove.

(OXYGEN, in blood
determ., oximeter testing (Cz))

RUZICKA, O.; TEJMAR, J.

Function test of circulation and respiration. Cas. lek. cesk. 102
no. 8: 213-214 22 F '63.

1. Chirurgicke oddeleni Praha, nemocnice Na Frantisku v Praze,
prednosta MUDr. V. Cermak.
(RESPIRATORY FUNCTION TESTS) (HEART FUNCTION TESTS)
(OXIMETRY)

RUZICKA, O.

Analysis of waste water from the Production of synthetic-rubber. p. 263.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodniho hospodarstvi
a Vedecka technicka spolecnost pro vidni hospodarstvi) Praha,
Czechoslovakia, No. 6, June 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2,
Feb. 1960.

Uncl.

RUZICA, O.

We shall improve the comfort of traveling. p. 85

ZELEZNICKAR (Ministerstvo dopravy) Praha, Czechoslovakia, No. 4, Apr. 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 7, July 1959. Uncl.

RUZICKA, O.

Analysis of waste water in the synthetic-rubber production; p 302

VODNI HOSPODARSTVI. Czechoslovakia, No. 7, July 1959

Monthly List of East European Accesions (EAI), LC. Vol. 8, No. 9, Sep 1959
Uncl.

Kuzicka C

✓ 936. Determination of vapours of diethyl ether in
mixtures of gases. (J. Bořek (Research Inst.
Synth. Rubber, Gottwaldov, Czechoslovakia). *Chem.
Prámy*, 1905, 6 (8) 318.—A suspension of ferric
cyanide in dil. H_2SO_4 has been found to be a
suitable absorbent for diethyl ether vapour in gases
(ethane, ethylene, butadiene) resulting from the
thermal, catalytic decomposition of ethanol. The
determination can be carried out with the Oriat
apparatus. In the determination of up to 10% of
ether vapour in gases, the error did not exceed
 $\pm 1.5\%$. The presence of propenes, butenes and
butadiene does not cause interference. J. Zíka

✓ ✓ ✓

✓ ✓

RUZICKA, O.

RUZICKA, O.; TARABA, O., RUZICKOVA, M.

Vibrogram of the head obtained by the application of mechanical
sinusoid oscillations of continuously changing frequency. Acta
neurochir. 1 no.1:94-116 1950. (CLML 19:4)

1. Of the Physical Institute of the Technical University in Prague
(Director--Prof. J.B.Slavik).

RUZICKA, Otakar

A new type of absorber for the determination of dienes.
Otakar Ruzicka. Chem. Pramysl 10, 371-72(1953).—
A description is given of a modification of the Gregg absorber, a part of the Orsat device. The filling consists of
2-3 g. of molten maleic anhydride fixating on Hg. Advan-
tages are claimed in simplicity of design, rigidity; speed of
detn., and elimination of Hg vapors to contaminate the
room atm. The presence of butenes and pentenes in the
gas gives higher values.

L. A. Helwich

10-14-57

my

RUZICKA, O.

C Z E C H

✓ Determination of water in highly volatile and unsaturated compounds. - O. Ruzicka. *Chem. Průmysl* 4(29), 292-6 (1954). — A procedure was worked out for detg. water, especially in butadiene, butenes, and styrene, by titrating with the Fischer reagent. A special titrating device is described and shown in a diagram. The method is well applicable for 0.03-1% H₂O, and the av. error was less than ±1.5% of the H₂O content. L. A. Heilrich

3

9

2 MBX
MPQ

DVORAK, Rajmund; RUZICKA, Pavel

The use of the Huf's membrane ultrafilters in following ascitic
tumours. Scr. med. fac. med. Brunensis 38 no.4:137-141 '65.

1. I. Patologicko-anatomicky ustav lekarske fakulty University
J.E. Purkyne v Brne (prednosta prof. MUDr. DrSc. Jaroslav Svejda).

Z/037/62/000/004/006/008
E024/E435

AUTHOR: Růžička, P.

TITLE: Visual method for the orientation of crystals by X-rays

PERIODICAL: Československý časopis pro fysiku, no. 4, 1962, 373-379 + 3 plates

TEXT: The paper deals particularly with diamonds, for which the visual method is particularly suitable because of their very strong reflections. In this method, the Laue pattern is produced on a fluorescent screen instead of on a photographic plate. The crystal is rotated within the beam of X-rays, so that the Laue pattern changes as the crystal goes through its various orientations. The rotation is carried out manually, with the aid of a suitable mechanism. When the Laue pattern is brought into coincidence with a predetermined pattern, the crystal will obviously have the desired orientation. Details of the method vary for different orientations and different structures. The orientation of diamonds into all their important axes are described in detail. As an example, the orientation into the threefold axis will be described here. We first move the crystal within the beam so that the elliptic shapes in the centre of the Laue diagram disappear. At this stage, the beam coincides

Card 1/2

Visual method for the ...

Z/037/62/000/004/006/008
E024/E435

with the twofold axis. The fluorescent screen bears a fluorescent cross on it and it can be rotated, with the aid of a scale, by 90° . The threefold axis in diamond forms an angle of 54° with the fourfold axis. When the twofold symmetry of the Laue diagram has one arm of the cross as its axis of symmetry and this is inclined by 54° to the vertical, then the threefold axis of the diamond is vertical and is perpendicular to the X-ray beam. There are 8 figures.

ASSOCIATION: Výzkumný ústav monokrystalů, Turnov
(Research Institute for Monocrystals, Turnov)

SUBMITTED: September 25, 1961

Card 2/2

RUDNICKA, Dr. (res.)

The results of diamond crystals. Gas min. geol. 9 no. 2:233-240 '64.

1. Research Institute of Non-crystals, Turnov.

RUZICKA, Primus

The genesis of diamonds. Cas min geol 7 no.3:307-315 '62.

RUZICKA, PRIMUS

GP ✓ The genesis of diamonds. Primus Ruzicka. Verhandlungen der Deutschen geologischen Gesellschaft, 27, 194-7 (1952).—Eight electron microscope photographs of surfaces of diamonds are given; they show neg. pyramids. Michael Pfeiffer

CZECHOSLOVAKIA

TRAVNICEK, J.; MANDEL, L.; LANC, A.; RUZICKA, R., Microbiological Institute, Czechoslovak Academy of Sciences (Mikrobiologicky Ustav CSAV), Prague.

"Rearing of Bacteria-Free Piglets."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 3, May 66, pp 240-244

Abstract: A method of breeding and rearing bacteria-free piglets at the Institute of Microbiology of the Czechoslovak Academy of Sciences is described. The piglets are born by hysterectomy and kept in isolated rooms made of laminated glass. Non-antigenic diet, containing food required by the animals consists of casein hydrolysate, lactose, glucose, olive oil, choline chloride, vitamins, and mineral salts. Sterile conditions are maintained by using peracetic acid. 6 Figures, 1 Table, 15 Western, 6 Czech references. (Manuscript received 14 June 65).

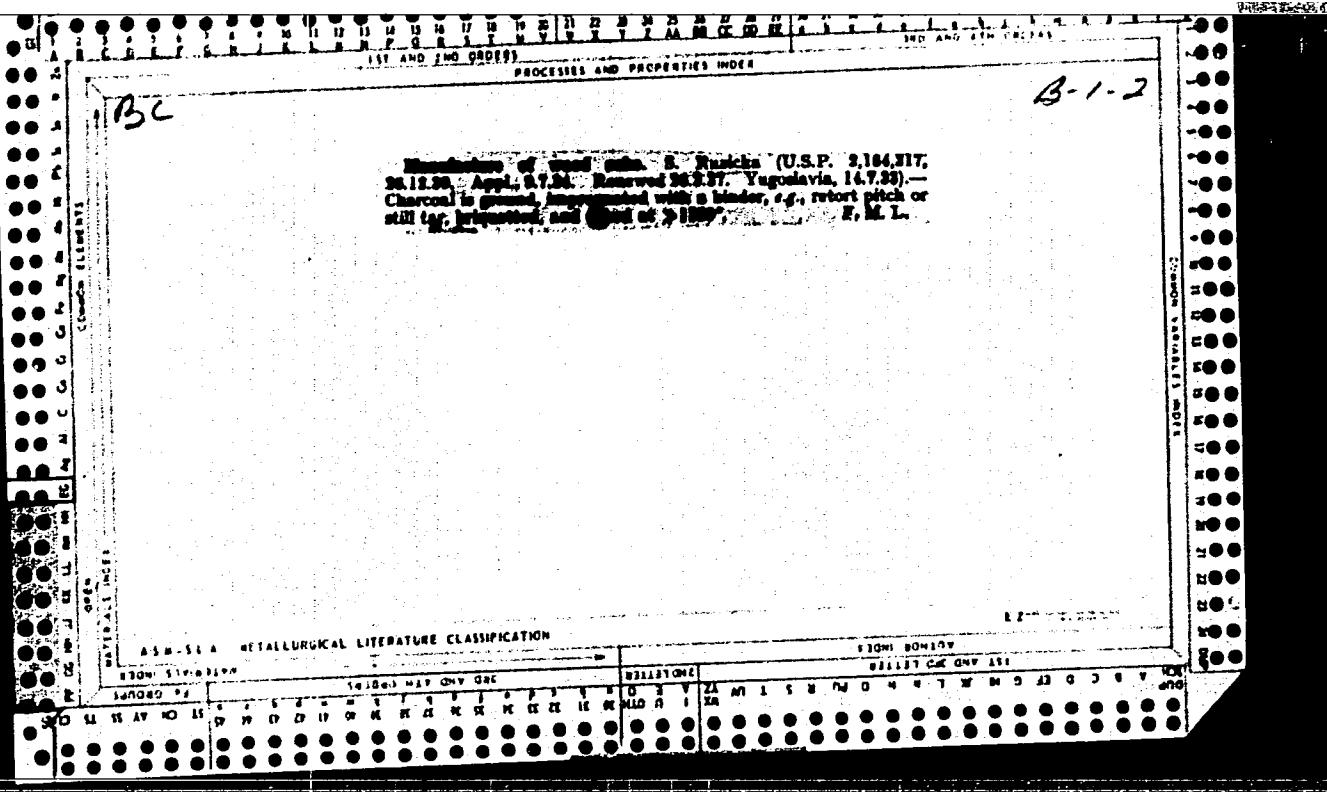
1/1

16

RUZICKA, S.

Primitive reflexes in children, Pediat. listy, Praha 7 no. 6:340-343
Nov-Dec 1952. (CLML 24:2)

1. Of the Pediatric Department (Head--S.Ruzicka, M.D.) of Decin District Hospital.



Ruzicka, S.

Czechoslovakia /Chemical Technology. Chemical Products H-5
and Their Application
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1789

Author : Palaty J., Ruzicka S.

Title : Experiments on Purification of Cyanide-Containing
Sewage Water

Orig Pub: Voda, 1956, 35, No 9, 287

Abstract: Account of the results of laboratory experiments
on utilization of brown coal cinders. Diluted,
spent plating solutions were filtered through a
cinder filter (25 cm in diameter, 66 cm deep,
volume 32.5 liters). With a load of 1.2-1.7
g CN⁻ per 1 m³ of cinders per hour the concentra-
tion of CN⁻ in the sewage water was lowered by
94%. Blowing with air at a rate of 0.7 m³/hour

Card 1/2

Czechoslovakia /Chemical Technology. Chemical Products H-5
and Their Application
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1789

increases the purification efficacy. Absorption
of CN⁻ by the cinders reaches 0.041% of the weight
of the cinders.

Card 2/2

RUZICKA, S.

Sulfurized piston rings.

P. 326. (Automobil. Vol.1, no. 10, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East Europe Accessions (EEAI) LC. Vol. 7,no. 2,
February 1957

RECKA

Possibilities of Using Field-Emission Microscopy in the Study of the Structure of Metals. A. DeJong, V. Zárah, L. Berdák and S. Hora. (Hvězdický Listy, 1957, 12, (3), 206-218). [In Czech]. The growth of austenite grains and carbide precipitation were studied by the method; a table-model electron-microscope of Czechoslovak manufacture was used. The experimental technique is described. The temperatures were in the range 750-900° C.—P. F.

6
RH *az*

Experiments with purifying cyanide waste by means of slag. p. 257

Vest (Vestredni sprava vodnih hospodarstvi)
Vol. 35, No. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, N. 1, January 1957

JARKOVSKY, Lubor; PASEK, Josef; RUZICKA, Vlastimil

New methods of caprolactam preparation. Chem listy
57 no. 12: 1264-1279 D '63.

1. Katedra organické technologie, Vysoká škola chemicko-technologická, Praha.

Ruzycki, S.; Cudny, S.

Analysis of the economic effects of the production of engines built on the basis of common elements.

p. 347 (Technika Motoryzacyjna) Vol. 7, no. 10, Oct. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

RUZYCKI, S.

"Technological study of high-compression engines."

p. 365 (Technika Motoryzacyjna) Vol. 7, no. 11, Nov. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

S. RUZYCKI

POLAND/Chemical Technology - Chemical Products and Their
Application - Corrosion. Corrosion Protection.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36611

Author : S. Ruzycki

Inst :
Title : Corrosion of Structural Materials and Finished Works
and Their Conservation.

Orig Pub : Mater Budowl., 1957, 12, No 9, 265-267

Abstract : The causes of corrosion (C) of basic structural materials (SM) are discussed. $\text{CaO} \cdot \text{SiO}_2$, which is a constituent of Portland Cement, is transformed into $\text{Ca}(\text{OH})_2$ upon reaction with water. This latter in turn, forms CaCO_3 upon contact with CO_2 of air. Besides water the principal corrosion agents are industrial gases which contain substantial amounts of SO_2 . H_2SO_4 formed on interaction of SO_2 with air's oxygen reacts with calcium hydroxide to yield CaSO_4 . Due to this chemical reaction, not only

Card 1/3

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POLAND/Chemical Technology - Chemical Product and Their
Application - Corrosion; Corrosion Protection.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36611

the decorative quality of structural material is impaired but also its life span is decreased. The elimination of CaCO_3 from SM is accomplished by treatment with 10% HCl; the resulting CaCl_2 is washed with water. The influence of soil water and of decrease of hardness on C of SM has been indicated. The necessity of protection of all protruding parts of buildings was deemed necessary. Given are accumulated data on means of protection of SM against formation of salt deposits. Methods of corrosion protection of buildings are discussed; descriptions of chief structural and architechural measures, to promote protection against the action of rain and soil water are cited. It is noted that the best corrosion protection is afforded by impregnation of natural stone and synthetic ceramic compounds with the solutions of fluorine compounds such as:

Card 2/3

RUZYCKI, S.

"Cooperation of Technologists and Constructors" p. 101 (Technika Motoryzacyjna,
Vol. 3, No. 4, April, 1953, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
February, 1954, Uncl.

PIASKI, S.

Directives for using the classification of surface conditioning. p. 182

ZESZYTOWA NORMYZACJA vol. 6, no. 6, June 1956

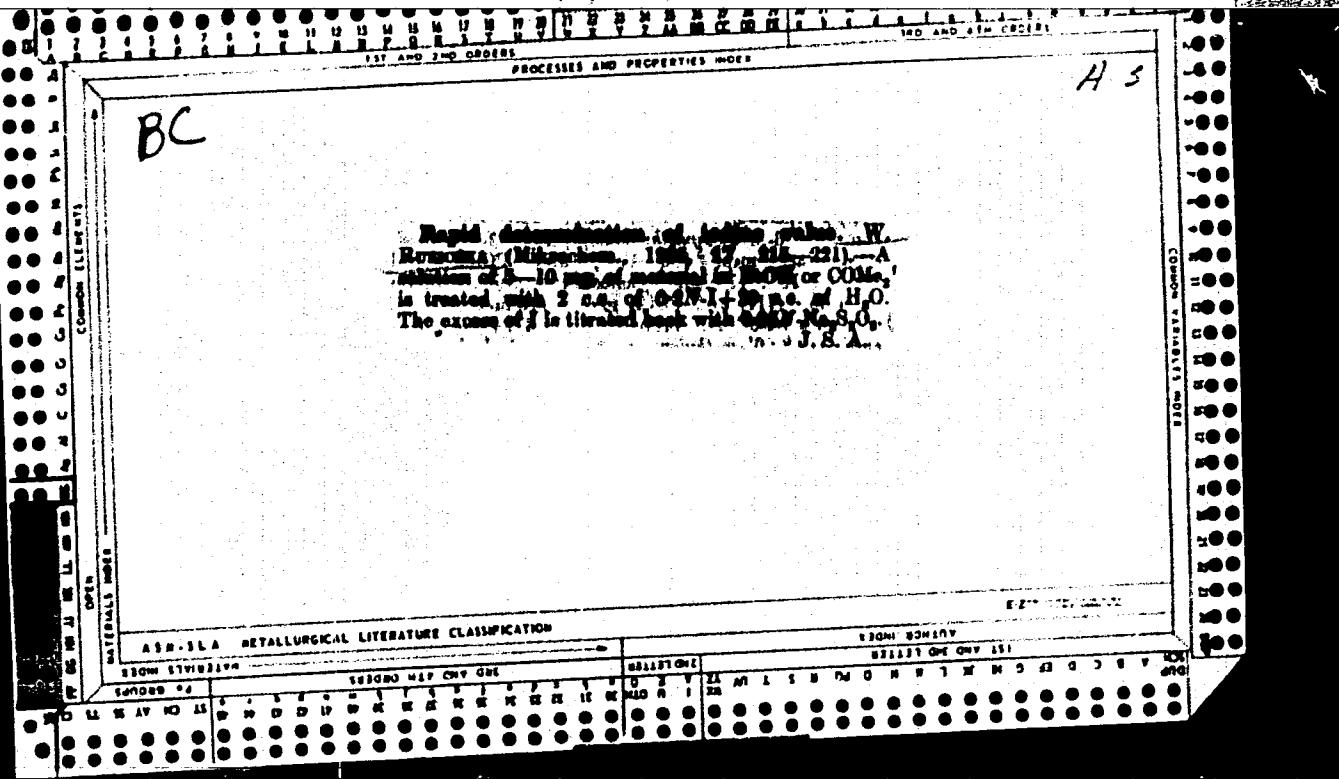
Warszawa, Poland

1956. BASIC TECHNICAL DOCUMENTS LIBRARY vol. 5, no. 10 Oct. 1956

RUZICKA, T.

Group and phase velocity of striations at strong currents.
Cs cas fys 12 no.5/6:554-556 '62.

1. Fysikalni ustav, Ceskoslovenska akademie ved, Praha.



BC

1ST AND 2ND QUARTER
3RD AND 4TH QUARTER

PROCESSES AND PROPERTIES INDEX

100 AND 4TH QUARTER

B-II-7

Regularity of the results hydrolytic analysis of
triglyceride mixtures. - W. RUTSCHELA (Fettechem.
Umschau, 1956, 43, 161-164; Chem. Z., 1957, 371;
A., 1958, 670). - The empirical factor 1.6 for converting
the "Peroxide" into "acid value" depends on the
val. of the fatty acids present, and should be determined
for a given type of mixture by control experiments. - G. H. C.

Chemical Elements

Open

Details Notes

DATA-SLA METALLURGICAL LITERATURE CLASSIFICATION

1300W 1310B 1311W → 1320W 1330W

SEARCHED	SEARCHED NOT ONV. GEN.												COLLECTED																																																																																							
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SEARCHED	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

UHLIR, A.; UHLIROVA, J.; KOLINSKY, J.; RUBICKA, V.; PASEK, J.

Laboratory experiments on the dehydration of isopropanol. Chemický list 1964, 14, p. 581-585. L.

1. Spolek pro chemickou a hutni výrobu Národního podniku, Plzeň (for Uhlir, Uhlirova and Kolinsky). 2. Chair of Organic and Inorganic Chemistry, Higher School of Chemical Technology, Prague (for Rubicka and Pasek).

L 16179-65 EWT(m)/EWP(t)/EWP(b) AEDC(b)/SSD/AFWL JD

ACCESSION NR: AP4048734

2/0034/64/000/011/0834/0834 B

AUTHOR: Kaspar, M.; Ruzicka, V.

TITLE: Continuous-operation vacuum furnace.
5367-63

No.

SOURCE: Hutnické listy, no. 11, 1964, 834

TOPIC TAGS: furnace, vacuum furnace, continuous operation

ABSTRACT: An Author Certificate has been issued for a continuous-operation, vertical vacuum furnace used for the heat treatment of metals. The main vacuum chamber of the furnace has auxilliary vacuum chambers located on its receiving and delivery ends, which ensure an uninterrupted vacuum in the main chamber.

ASSOCIATION: none

SUBMITTED: 26Sep63

ENCL: 00

SUB CODE: IE, MH

NO REF SOV: 000

OTHER: 000

ATD PRESS: 3145

Card 1/1

URLIR, A.; UHLIROVA, J.; KOLINSKY, J.; RUZICKA, V.; PASEK, J.

Thermodynamic analysis of dehydrating isopropanol to propylene.
Chem prum 14, no. 9, 470-473, S '64.

1. Association of Chemical and Metallurgical Production National
Enterprise, Ust'i nad Labem (for Uhlirová, Uhlirova and Kolinsky),
2. Higher School of Chemical Technology, Prague (for Ruzicka and
Pasek).

RUZICKA, Vladimir, inz.

Analytic preparation of the long-term production program. Podn
org 19 no.2:69-73 F '65.

1. Tesla Holesovice, Prague.

RUZICKA, V.

Academician Viktor Ettel. obituary. Chem listy 58 no. 3:
341 Mr '64.

S/081/63/000/001/019/061
B101/B186

AUTHORS: Kalálová, E., Růžicka, V.

TITLE: Contributions to the study of catalysts produced by decomposition of mixed salts. VII. Thermal decompositions of copper (II) formiate and calcium formate and their mixtures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 1, 1963, 84, abstract 1B577 (Collect. Czechosl. Chem. Commun., v. 27, no. 2, 1962, 424 - 429 [Ger.; summary in Russ.])

TEXT: The thermal decomposition of $\text{Cu}(\text{HCOO})_2$ (I), $\text{Cu}(\text{HCOO})_2 \cdot 4\text{H}_2\text{O}$ (II), $\text{Ca}(\text{HCOO})_2$ (III), and mixtures of these substances was studied. A method was developed for producing catalysts from mechanical mixtures of III with I or II. CuO, and then Cu, are formed on heating I and II in vacuo, in CO_2 or in water vapor. For a previous communication, see RZhKhim, 1960, no. 15, 60622. [Abstracter's note: Complete translation.]

Card 1/1

KALALOVA, E.; RUZICKA, V.

Contribution to the study of catalysts produced by decomposition of mixed salts. Part 7 : Decomposition of copper(II)-formate and calcium formate, and their mixtures by heat. Coll Cz Chem 27 no.2:424-429 F '62.

1. Institut fur anorganische Chemie und Institut fur organische Technologie, Technische Hochschule fur Chemie, Prag.

"APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446220004-8

RUZICKA, Vaclav

Sectional polishing disks. Stroj vyr 11 no.9:461 S '63.

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R001446220004-8"

KOPAL, Jirí; PASEK, Josef; RUZICKA, Vlastimil

Some problems of hydrogenation in liquid phase, Chem prum
15 no.4:219-223 Ap '65.

1. Higher School of Chemical Technology, Prague. Submitted
October 9, 1964.

RUZICKA, Vlastimil

Classification of machined components, Stroj vyr. 11 no.1:
13-16 '63.

1. Vyzkumny ustav obrabecich stroju a obrabeni, Praha.

HORAK, Josef; RUZICKA, Vlastimil, doc.

Study on kinetics of catalytic dehydrogenation of ethanol on copper catalyst. Sbor chem tech no.3, part 1:329-364 '59.

1. Katedra organicke technologie, Vysoka skola chemicko-technologicka, Praha.

RUZICKA, Vlastimil; KALAL, Jaroslav; SMURZ, Zdenek

Contribution to the study of catalysts prepared by the decomposition
of mixed salts. V.Catalytic hydrogenation of nitrobenzene to aniline
in vapor phase at normal pressure. Sbor chem tech 4 no.2:473-489
'60. (EEAI 10:9/10)

1. Katedra organické technologie, Vysoká škola chemicko-techno-
logická, Praha.

(Catalysis) (Salts) (Nitrobenzene) (Aniline)

RUZICKA, Vlastimil

Report on the scientific research activities of the Faculty of Organic
Technology for 1958. Sbor chem tech 4 no.2:547-558 '60.
(EEAI 10:9/10)

(Chemistry, Organic)

RUZICKA, V.

✓ Dimethyl phthalate. Josef Pašek, Vladimír Medonos,
and Vladimír Růžička. Czech. 88,067. Dec. 15, 1958.
Phthalic anhydride (27 kg.), 2 kg. H₂SO₄, and 7 kg. liquid
Me₂O heated with stirring to 140–50° 5 hrs. in a steel auto-
clave, the crude product washed with H₂O, Na₂CO₃, and
H₂O, and distd. in *vacuo* gives 31 kg. dimethyl and 1 kg.
monomethyl phthalate.
L. J. Urbánek

ME 22-4
2 Jan (1/8)
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JF